

From: [Healy, Kathleen](#)
To: [Genchanok, Yana](#)
Subject: FW: SW Chicago Asphalt Plant Study
Date: Friday, May 15, 2020 9:57:00 AM

Okay, so this is kind of a long email string, and Jeff was only included on the first two emails, so that's where his information comes in.

From: Fuoco, Marta <fuoco.marta@epa.gov>
Sent: Friday, May 15, 2020 9:51 AM
To: Cain, Alexis <cain.alexis@epa.gov>; Healy, Kathleen <healy.kathleen@epa.gov>
Cc: Hulting, Melissa <hulting.melissa@epa.gov>
Subject: RE: SW Chicago Asphalt Plant Study

(b) (5), (b) (7)(A)

[Redacted]

Marta A. Fuoco | Acting Chief, Air Monitoring and Analysis
U.S. Environmental Protection Agency R5 | Air & Radiation Division
77 W. Jackson Blvd. (AR-18J) | Chicago, IL 60604 | 312.886.6243

From: Cain, Alexis <cain.alexis@epa.gov>
Sent: Friday, May 15, 2020 9:29 AM
To: Healy, Kathleen <healy.kathleen@epa.gov>; Fuoco, Marta <fuoco.marta@epa.gov>
Cc: Hulting, Melissa <hulting.melissa@epa.gov>
Subject: RE: SW Chicago Asphalt Plant Study

Interesting. Should probably check in with Jeff periodically (or just listen for his updates on the quarterly calls, I suppose).

(b) (5), (b) (7)(A)

[Redacted]

Alexis Cain
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cain.alexis@epa.gov

From: Healy, Kathleen <healy.kathleen@epa.gov>
Sent: Friday, May 15, 2020 9:24 AM
To: Cain, Alexis <cain.alexis@epa.gov>
Cc: Hulting, Melissa <hulting.melissa@epa.gov>

Subject: FW: SW Chicago Asphalt Plant Study

Jeff's response to my email below.

From: Sprague, Jeff <Jeff.Sprague@Illinois.gov>

Sent: Thursday, May 14, 2020 7:02 PM

To: Healy, Kathleen <healy.kathleen@epa.gov>

Cc: Sprague, Jeff <Jeff.Sprague@Illinois.gov>

Subject: RE: SW Chicago Asphalt Plant Study

Hey Katie,

The project could eventually turn out to be interesting, but as of today, I'm still not aware that we have final agreement on the scope, approach, and deliverables. The IEPA would like it to have a modeling focus with usable results. The project idea actually originated with the South West Environmental Alliance (SEA) and UIC as a community-scale monitoring proposal in response to USEPA's Community-Scale Air Toxics Ambient Monitoring (CSATAM) grants competition. They were interested in a "monitoring and risk study" to "assess the air toxic impact from asphalt processing facilities". Our Agency, however, was not enthusiastic about a monitoring project that might ultimately bring in many other types of industries for consideration under a community-scale monitoring program. The SEA/UIC request for IEPA partnering identified the numerous odor complaints associated with these facilities as a potential indication of higher risk associated with air toxic emissions. Surprisingly, in their writeup requesting IEPA collaboration, there was considerable emphasis placed on hydrogen sulfide, which as you know is not a CAA listed HAP, nor was it one of the air toxics of particular interest to USEPA in the grant proposal solicitation. Nonetheless, these potential partners and the Illinois EPA are both interested in understanding the potential exposure from air toxics in these southwest Chicago communities, so I have little doubt that some project will ultimately take shape.

Since the project has yet to take final form, we have not conducted any outreach to the owners of these plants. It's entirely possible, however, that once they're aware that we're looking at their emissions and local impacts, they may take an interest in participating in the peer exchange group and/or implementing energy efficiency and emissions reduction measures. We'll just have to wait and see.

Hope this has been helpful,

Jeff

Jeffrey Sprague
Modeling Unit, Manager
Air Quality Planning Section
Bureau of Air
Illinois Environmental Protection Agency

Jeff.Sprague@Illinois.gov

From: Healy, Kathleen <healy.kathleen@epa.gov>
Sent: Thursday, May 14, 2020 1:28 PM
To: Sprague, Jeff Jeff.Sprague@Illinois.gov
Cc: Cain, Alexis <cain.alexis@epa.gov>; Hulting, Melissa <hulting.melissa@epa.gov>
Subject: [External] SW Chicago Asphalt Plant Study

Hi Jeff,

I was wondering if you could tell me more about the SW Chicago asphalt plant study that you mentioned on the call yesterday. It sounds like an interesting project, and I'm curious how it came about and what the ultimate goals are.

I'm not sure if we've mentioned this before, but Melissa Hulting and I are leading an ENERGY STAR peer exchange group for asphalt mix plants in conjunction with the National Asphalt Pavement Association (NAPA). NAPA has a strong sustainability program and has been a great partner on this, identifying companies that are interested in tracking and managing their energy. Currently, ENERGY STAR at EPA HQ is funding contractors to develop an "Energy Guide" for asphalt plants to help identify energy efficiency strategies and areas of opportunity at asphalt mix plants. These SW Chicago asphalt plants, knowing that their emissions and impact on surrounding communities are now being studied, perhaps would be interested in joining the peer exchange group or trying some of the energy efficiency/emissions reduction techniques to improve their standing in the community.

Let me know what you think.

Thanks,
Katie

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